

Appl. No. : 10/824,797
Filed : April 15, 2004

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows. Insertions are shown underlined while deletions are ~~struck through~~. Please cancel Claim 4.

1-8 (canceled)

9 (currently amended): A method for manufacturing an antistatic optical film ~~according to Claim 1~~ comprising an antistatic layer at least one side of an optical film for improving display-quality of a display screen, comprising the steps of:

applying an aqueous solution or an aqueous dispersion comprising a water soluble or a water dispersible conductive polymer on and in contact with the optical film; and

drying to form the antistatic layer, and

applying a pressure sensitive adhesive layer on another side of the antistatic layer.

10-17 (canceled)

18 (new): The method Claim 9, wherein the water soluble or the water dispersible conductive polymer is a polyaniline and/or a polythiophene.

19 (new): The method Claim 9, wherein the water soluble or the water dispersible conductive polymer is a polyaniline.

20 (new): The method Claim 19, wherein the polyaniline contains a hydrophilic functional group in a molecule.

21 (new): The method Claim 9, wherein the water soluble or the water dispersible conductive polymer is a polythiophene.

22 (new): The method Claim 21, wherein the polythiophene contains a hydrophilic functional group in a molecule.

23 (new): The method Claim 9, wherein a surface resistance value of the antistatic layer is $1 \times 10^{12} \Omega/\square$ or less.

24 (new): The method Claim 9, wherein the pressure sensitive adhesive layer is formed of an acrylic pressure sensitive adhesive.

25 (new): The method Claim 9, wherein the optical film comprises a polarizing plate.

26 (new): The method Claim 9, wherein a surface material of the optical film on which the antistatic layer is laminated is a polycarbonate or a norbornene resin.

Appl. No. : **10/824,797**
Filed : **April 15, 2004**

27 (new): The method Claim 9, further comprising activation treatment of the optical film.

28 (new): The method Claim 9, wherein the water soluble or water dispersible conductive polymer is a water soluble conductive polymer, solubility of which is 20-30 g per 100 g of water.

29 (new): The method Claim 9, wherein the water soluble or water dispersible conductive polymer is a water dispersible conductive polymer constituted by micro-particles having a size of 1 μm or less.